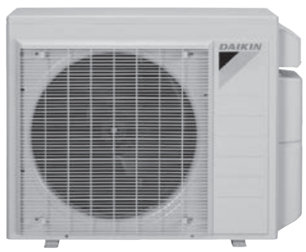
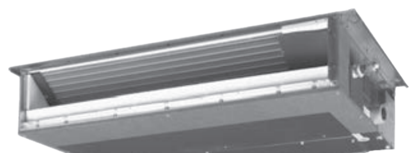
DAIKIN

MXS Series

High-Efficiency
Multi-Zone Ductless System
Up to 19.9 SEER
Up to 12.7 EER
Up to 12.5 HSPF











Product Features

- Inverter Compressor
- 208/230/1 Power Supply
- Cooling Operating Range:
  0° - 115° F (w/ Wind Baffle)
- Heating Operating Range:
  -4° - 75° F (w/ Drain Pan Heater)
- Precharged for up to 131 ft of Liquid Line
- Outdoor Sound Pressures as Low as 50 dB(A)
- Outdoor Unit Quiet Operation
- Auto Changeover
- Auto Fan Speed Control
- Self Diagnostics with Digital Display
- Auto Restart after Power Failure
- Anti-Corrosion Treatment on Heat Exchanger

* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration and some of the additional requirements are not required in California or Quebec.

OUTDOOR UNITS					
MODEL NAME		**2MXS18NMVJU**	**3MXS24NMVJU**	**4MXS36NMVJU**	**RMXS48LVJU**
Cooling Capacity (Rated - Max)	BTU/h	18,000-21,000	24,000-30,000	36,000-38,000	48,000
Heating Capacity (Rated - Max)	BTU/h	18,900-25,000	24,000-36,000	36,000-43,000	54,000
Max Connected Capacity	BTU/h	24,000	39,000	48,000	62,400
Min-Max No. of Indoor Units	Connections	2	2-3	2-4	2 – 8
Sound Pressure (Cooling/Heating)	dB(A)	50/51	52/54	52/54	57/58
Operating Range - Cooling	°F DB	14 - 115	14 - 115	14 - 115	14 - 115
Operating Range - Heating		5 – 75	5 – 75	5 – 75	5 – 75
Operating Range - Heating with Drain Pan Heater	°F DB	-4 – 75	-4 – 75	-4 – 75	-4 – 75
PIPING DIMENSIONS					
Max. Length (for all rooms)	ft.	164	230	230	433
Max. Length (for one room)	ft.	82	82	82	82
Max. Piping Height	ft.	49.2	49.2	49.2	98.4
ELECTRICAL DATA					
Power Supply	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Minimum Circuit Amps	A	15.8	18.7	19.8	27
Max. Overcurrent Protection	A	20	20	20	30
Dimensions (H x W x D)	in.	29 x 34¼ x 12⅝	29 x 34¼ x 12⅝	29 x 34¼ x 12⅝	$52\frac{15}{16}$ x $35\frac{7}{16}$ x 12⅝
Net Weight	lbs.	128	132	137	129
SEER/ EER	Non-Ducted	18.9/ 12.5	17.9/ 12.7	17.7/ 9.2	18.8/ 10.3
	Mixed	16.5/ 11.0	15.9/ 11.2	15.9/ 8.5	16.5/ 9.8
	Ducted	14.0/ 9.5	14.0/ 9.7	14.0/ 7.9	14.1/ 9.3
HSPF/ COP	Non-Ducted	10.7 /4.1	12.5/ 4.6	12.2/ 4.5	11.3/ 3.0
	Mixed	9.5/ 4.1	10.4/ 3.2	10.2/ 3.4	16.5/ 2.9
	Ducted	8.2/ 4.1	8.2/ 3.9	8.2/ 3.9	14.1/ 2.7

INDOOR WALL-MOUNTED UNITS								
Model Name			**CTXS07LVJU**	**FTXS09LVJU**	**FTXS12LVJU**	**FTXS15LVJU**	**FTXS18LVJU**	**FTXS24LVJU**
Outdoor Unit Compatibility			2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	4MXS36NMVJU RMXS48LVJU
Airflow-Wet (H/M/L/SL)		CFM	332/261/194/145	381/279/194/145	403/307/205/155	568/477/385/360	583/484/385/360	643/494/350/328
Airflow-Dry (H/M/L/SL)		CFM	350/290/233/219	420/321/233/219	438/335/240/212	593/505/417/371	625/526/431/399	699/572/445/403
Sound Pressure - Cooling (H/M/L/SL)		dB(A)	38/32/25/22	41/33/25/22	45/37/29/23	45/40/35/32	46/41/36/33	51/44/37/34
Sound Pressure - Heating (H/M/L/SL)		dB(A)	38/33/28/25	42/35/28/25	45/39/29/26	43/38/33/30	45/40/35/32	48/42/37/34
Piping Connections	Liquid (O.D.)	in.	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4
	Gas (O.D.)	in.	Ø 3/8	Ø 3/8	Ø 3/8	Ø 1/2	Ø 1/2	Ø 5/8
	Condensate Drain	in.	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8
Dimensions (H x W x D)		in.	11⅝ x 31½ x $8\frac{7}{16}$			13⅜ x 41⅝ x 9¾		
Net Weight		lbs.	20	20	22	31	31	31

INDOOR SLIM-DUCT UNITS							
Model Name			FDXS09LVJU	FDXS12LVJU	CDXS15LVJU	CDXS18LVJU	CDXS24LVJU
Outdoor Unit Compatibility			2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	4MXS36NMVJU RMXS48LVJU
External Static Pressure		"W.G.	0.12	0.12	0.16	0.16	0.16
Airflow-Wet (H/M/L/SL)		CFM	305/280/260/235	305/280/260/235	424/388/353/297	424/388/353/297	424/388/353/297
Airflow-Dry (H/M/L/SL)		CFM	305/280/260/235	305/280/260/235	424/388/353/297	424/388/353/297	424/388/353/297
Sound Pressure - Cooling (H/M/L/SL)		dB(A)	35/33/31/-	35/33/31/-	37/35/33/31	37/35/33/31	37/35/33/31
Sound Pressure - Heating (H/M/L/SL)		dB(A)	35/33/31/-	35/33/31/-	37/35/33/31	37/35/33/31	37/35/33/31
Piping Connections	Liquid (O.D.)	in.	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4
	Gas (O.D.)	in.	Ø 3/8	Ø 3/8	Ø 1/2	Ø 1/2	Ø 1/2
	Condensate Drain	in.	Ø 25/32	Ø 25/32	Ø 25/32	Ø 25/32	Ø 25/32
Dimensions (H x W x D)		in.	7⅞ x 27 9/16 x 24 7/16		7⅞ x 35 7/16 x 24 7/16		

INDOOR 2'x2' CEILING CASSETTE UNITS						
Model Name			FFQ09LVJU	FFQ12LVJU	FFQ15LVJU	FFQ18LVJU
Outdoor Unit Compatibility			2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU
Cooling Capacity (Nominal)		BTU/h	9,500	12,000	15,000	18,000
Heating Capacity (Nominal)		BTU/h	11,100	14,000	17,500	21,000
Power Supply		V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Airflow Rate (H/L)		CFM	318/230	353/230	424/283	530/353
Sound Pressure - Cooling (H/L)		dB(A)	36/29	38/29	42/31	46/37
Sound Pressure - Heating (H/L)		dB(A)	36/29	38/29	42/31	46/37
Piping Connections	Liquid (O.D.)	in.	Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4
	Gas (O.D.)	in.	Ø 3/8	Ø 3/8	Ø 1/2	Ø 1/2
	Condensate Drain (O.D.)	in.	Ø 1-1/32	Ø 1-1/32	Ø 1-1/32	Ø 1-1/32
Dimensions – Unit (H x W x D)		in.	11¼ x 22⅝ x 22⅝		11¼ x 22⅝ x 22⅝	
Dimensions – Deco Panel (H x W x D)		in.	2¼ x 27⅝ x 27⅝		2¼ x 27⅝ x 27⅝	
Net Weight		lbs.	38.5	38.5	38.5	38.5

INDOOR FLOOR-STANDING UNITS					
Model Name			FVXS09NVJU	FVXS12NVJU	FVXS18NVJU
Outdoor Unit Compatibility			2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	2MXS18NMVJU 3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU	3MXS24NMVJU 4MXS36NMVJU RMXS48LVJU
Airflow Rate Cooling		CFM	290	300	378
Airflow Rate Heating		CFM	311	332	417
Power Supply		V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
Sound Pressure - Cooling		dB(A)	38/32/26/23	39/33/27/24	44/40/36/32
Sound Pressure - Heating		dB(A)	38/32/26/23	39/33/27/24	44/40/36/32
Piping Connections	Liquid (O.D.)	in.	Ø 1/4	Ø 1/4	Ø 1/4
	Gas (O.D.)	in.	Ø 3/8	Ø 3/8	Ø 1/2
Dimensions – Unit (H x W x D)		in.	23⅝ x 27½ x 8¼		
Net Weight		lbs.	31	31	31

PIPING REQUIREMENTS			ALLOWABLE LENGTH DETAILS
Maximum allowable length	Between outdoor and BP units	Total piping length	Piping length between outdoor and BP units ≤ 180 ft (55 m) - [Example] a+b+c+d+e ≤ 180 ft
	Between BP and indoor units	Total piping length	Piping length between BP and indoor units: 262 ft (80 m) - [Example] f+g+h+i+j+k+l ≤ 262ft
	Between BP and indoor unit	1 room length	Piping length between BP and indoor unit ≤ 49 ft (15 m) - [Example] f, g, h, i, j, k, l ≤ 49 ft
Allowable height	Between outdoor and indoor units	Difference in height	Difference in height between outdoor & indoor units (H1) ≤ 98 ft (30 m)
	Between outdoor and BP units		Difference in height between outdoor and BP units (H2) ≤ 98 ft (30 m)
	Between BP and BP units		Difference in height between BP and BP units (H3) ≤ 49 ft (15 m)
	Between indoor and indoor units		Difference in height between indoor and indoor units (H4) ≤ 49 ft (15 m)
Minimum allowable length		Piping length	Pipe length between outdoor unit and first refrigerant branch kit (refnet joint) ≥ 16.4 ft [Example] a ≥ 16.4 ft
Allowable length after the REFNET branch			Piping length from first refrigerant branch kit (REFNET joint) to indoor unit ≤ 131 ft (40 m) [Example] unit 6: b+c+k ≤ 131 ft [Example] unit 5: b+e+j ≤ 131 ft [Example] unit 3: d+h ≤ 131 ft
Additional refrigerant calculation			Total length (ft / m) of liquid piping size at Ø 3/8 inch (Ø 9.5mm) x + Total length (ft / m) of liquid piping size at Ø 1/4 inch (Ø 6.4mm)

BP UNITS				
MODEL NAME				BPMKS048A2U
Power Supply			V/Ph/Hz	208-230/1/60
Power Consumption			W	10
Running Current			A	0.05
Sound Pressure - (Cooling/Heating)			dB(A)	32/32
Number of Connectable Indoor Units				1 to 2
Minimum Connection Combination				7,000
Maximum Connection Combination				48,000
Piping Connections (O.D.)	Liquid	Outdoor Unit Side	in.	Ø 1/4 x 2
		Indoor Unit Side	in.	Ø 1/4 x 2
	Gas	Outdoor Unit Side	in.	Ø 5/8 x 2
		Indoor Unit Side	in.	Ø 5/8 x 2
Dimensions (H x W x D)			in.	7¹⁄₁₆ x 11⁹⁄₁₆ x 13¾
Net Weight			lbs.	18

NOMINAL CONDITIONS:

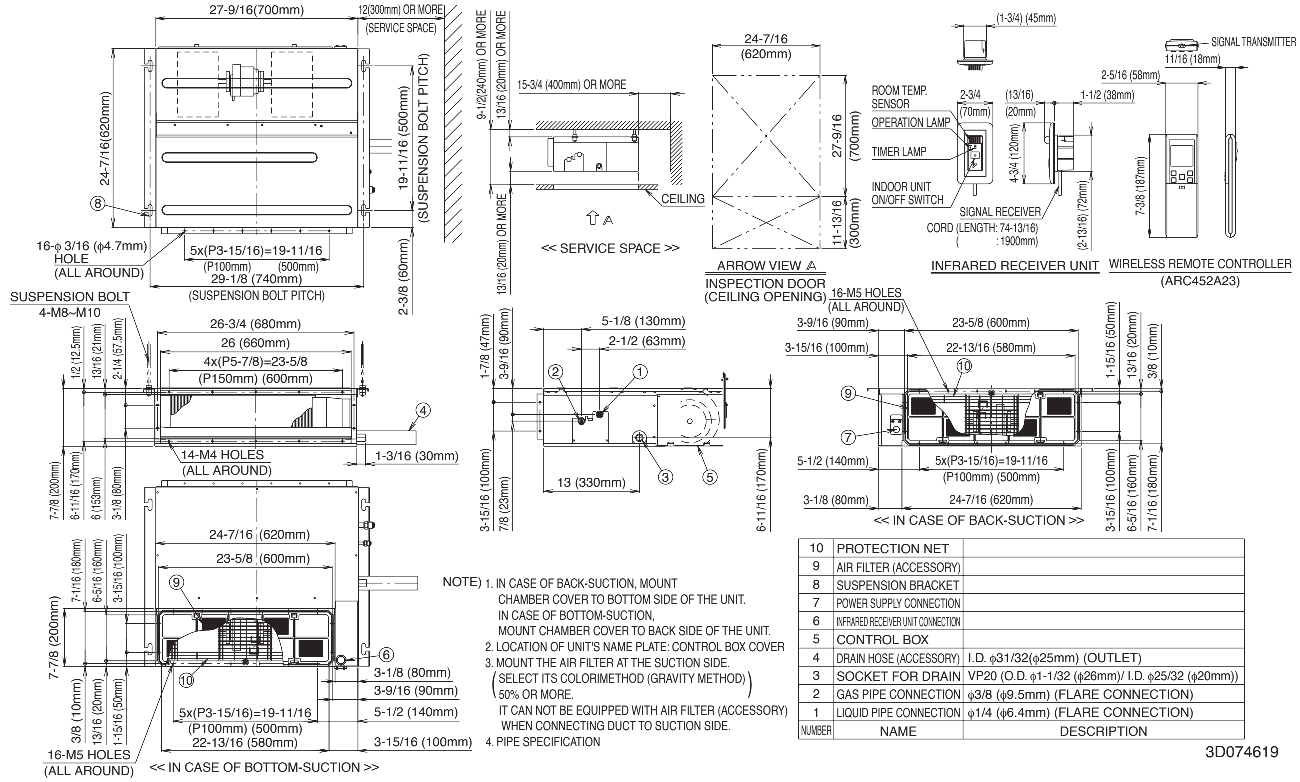
Cooling Mode:
Indoor: 80 °F DB / 67 °F WB
Outdoor: 95 °F DB
Level Difference: 0 ft.

Heating Mode:
Indoor: 70 °F DB
Outdoor: 47 °F DB / 43 °F WB
Level Difference: 0 ft.

NOTE:

Specifications are subject to change without notice

FDXS09/12LVJU

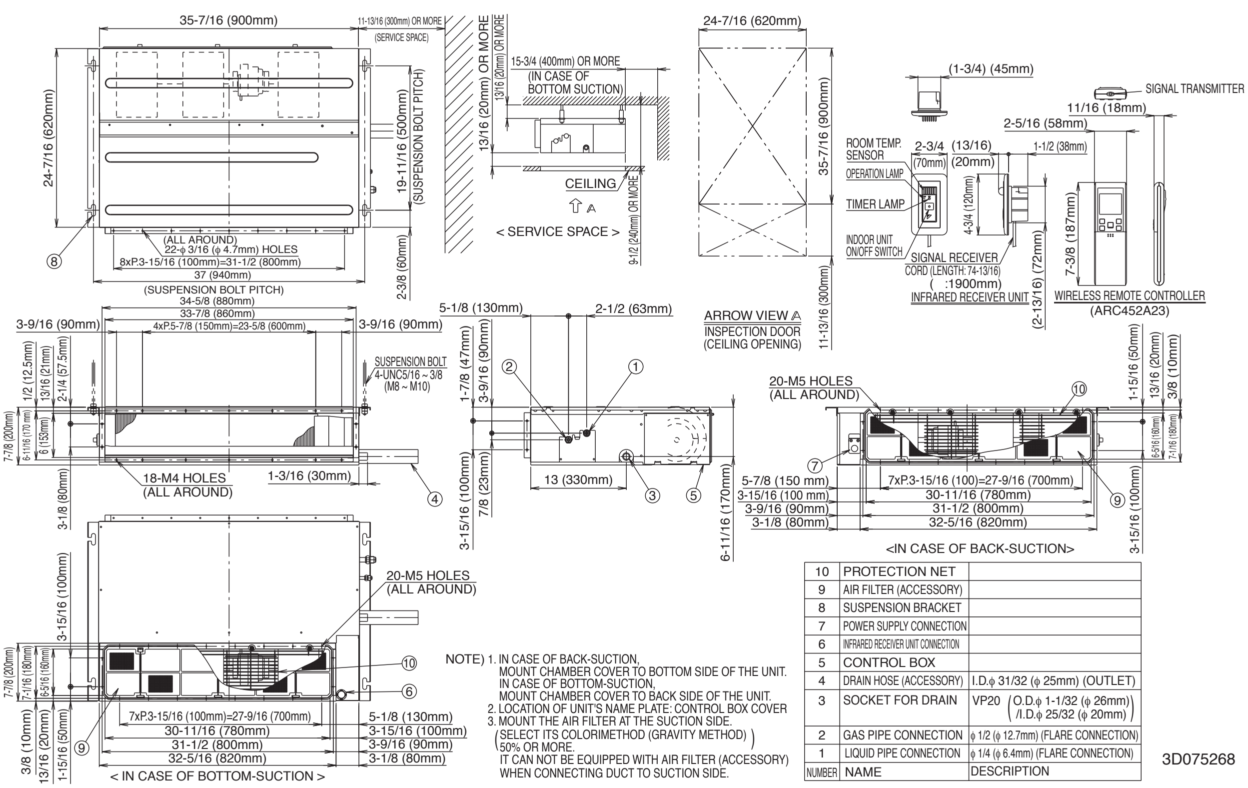


NOTE)
1. IN CASE OF BACK-SUCTION, MOUNT CHAMBER COVER TO BOTTOM SIDE OF THE UNIT. IN CASE OF BOTTOM-SUCTION, MOUNT CHAMBER COVER TO BACK SIDE OF THE UNIT.
2. LOCATION OF UNIT'S NAME PLATE: CONTROL BOX COVER
3. MOUNT THE AIR FILTER AT THE SUCTION SIDE. (SELECT ITS COLORIMETHOD (GRAVITY METHOD) 50% OR MORE. IT CAN NOT BE EQUIPPED WITH AIR FILTER (ACCESSORY) WHEN CONNECTING DUCT TO SUCTION SIDE.)
4. PIPE SPECIFICATION

NUMBER	NAME	DESCRIPTION
10	PROTECTION NET	
9	AIR FILTER (ACCESSORY)	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	INFRARED RECEIVER UNIT CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE (ACCESSORY)	I.D. φ31/32(φ25mm) (OUTLET)
3	SOCKET FOR DRAIN	VP20 (O.D. φ1-1/32 (φ26mm)/ I.D. φ25/32 (φ20mm))
2	GAS PIPE CONNECTION	φ3/8 (φ9.5mm) (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	φ1/4 (φ6.4mm) (FLARE CONNECTION)

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CDXS15/18LVJU

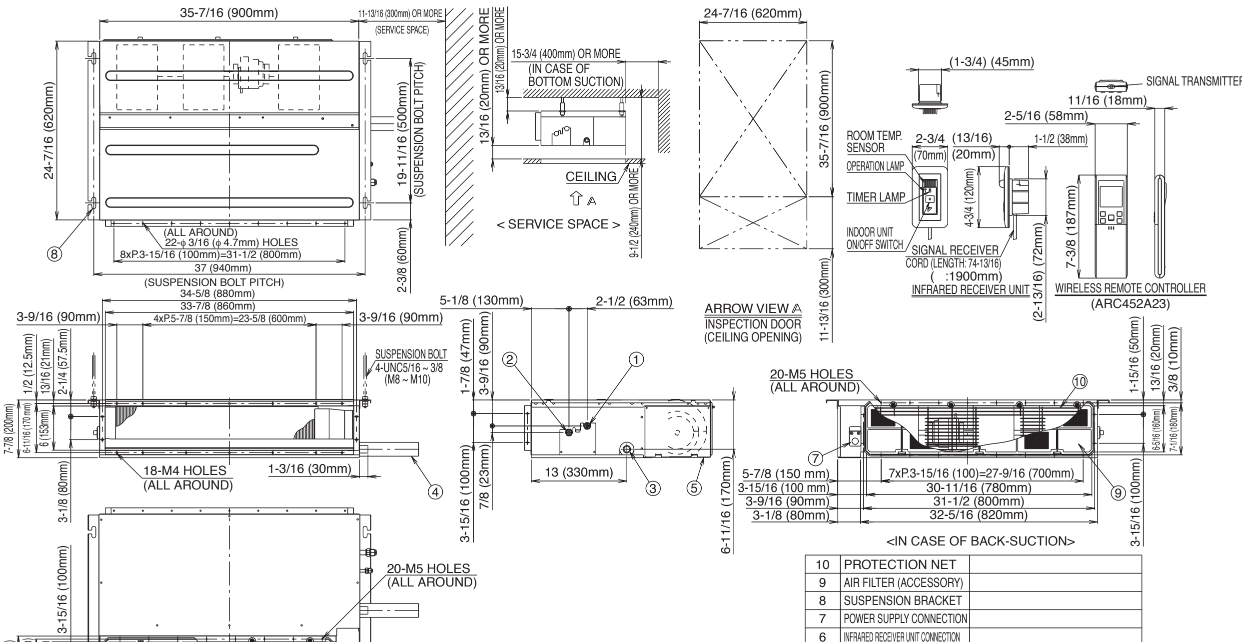


NOTE)
1. IN CASE OF BACK-SUCTION, MOUNT CHAMBER COVER TO BOTTOM SIDE OF THE UNIT. IN CASE OF BOTTOM-SUCTION, MOUNT CHAMBER COVER TO BACK SIDE OF THE UNIT.
2. LOCATION OF UNIT'S NAME PLATE: CONTROL BOX COVER
3. MOUNT THE AIR FILTER AT THE SUCTION SIDE. (SELECT ITS COLORIMETHOD (GRAVITY METHOD) 50% OR MORE. IT CAN NOT BE EQUIPPED WITH AIR FILTER (ACCESSORY) WHEN CONNECTING DUCT TO SUCTION SIDE.)

NUMBER	NAME	DESCRIPTION
10	PROTECTION NET	
9	AIR FILTER (ACCESSORY)	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	INFRARED RECEIVER UNIT CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE (ACCESSORY)	I.D.φ 31/32 (φ 25mm) (OUTLET)
3	SOCKET FOR DRAIN	VP20 (O.D.φ 1-1/32 (φ 26mm) / I.D.φ 25/32 (φ 20mm))
2	GAS PIPE CONNECTION	φ 1/2 (φ 12.7mm) (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	φ 1/4 (φ 6.4mm) (FLARE CONNECTION)

3D075268

CDXS15/18LVJU

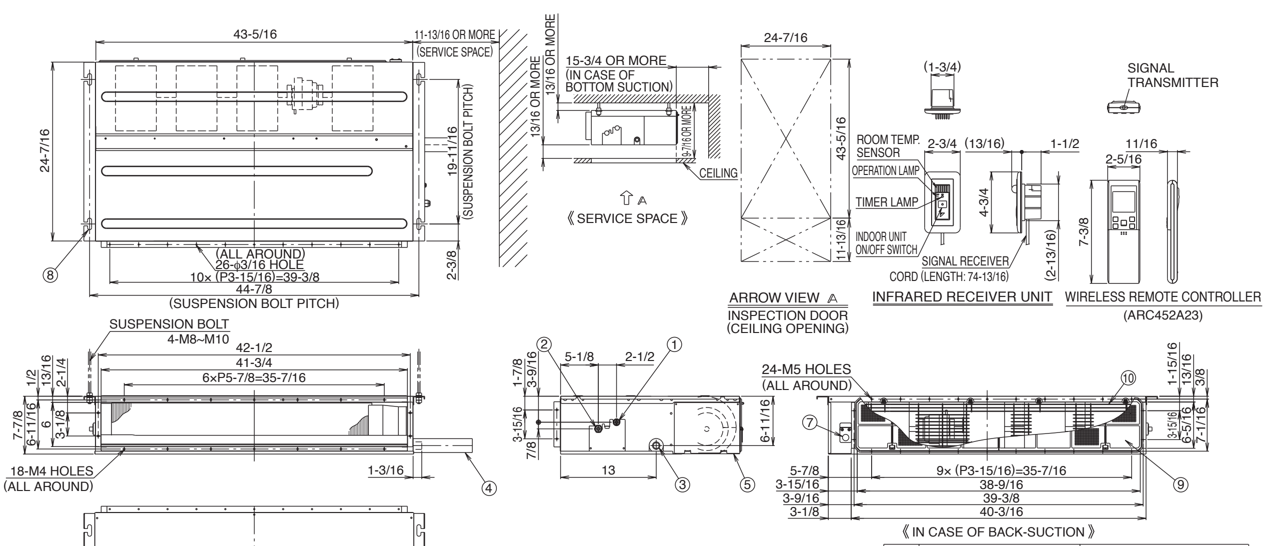


NOTE)
1. IN CASE OF BACK-SUCTION, MOUNT CHAMBER COVER TO BOTTOM SIDE OF THE UNIT. IN CASE OF BOTTOM-SUCTION, MOUNT CHAMBER COVER TO BACK SIDE OF THE UNIT.
2. LOCATION OF UNIT'S NAME PLATE: CONTROL BOX COVER
3. MOUNT THE AIR FILTER AT THE SUCTION SIDE. (SELECT ITS COLORIMETHOD (GRAVITY METHOD) 50% OR MORE.) IT CAN NOT BE EQUIPPED WITH AIR FILTER (ACCESSORY) WHEN CONNECTING DUCT TO SUCTION SIDE.

NUMBER	NAME	DESCRIPTION
10	PROTECTION NET	
9	AIR FILTER (ACCESSORY)	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	INFRARED RECEIVER UNIT CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE (ACCESSORY)	I.D.φ 31/32 (φ 25mm) (OUTLET)
3	SOCKET FOR DRAIN	VP20 (O.D.φ 1-1/32 (φ 26mm) / I.D.φ 25/32 (φ 20mm))
2	GAS PIPE CONNECTION	φ 1/2 (φ 12.7mm) (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	φ 1/4 (φ 6.4mm) (FLARE CONNECTION)

3D075268

CDXS24LVJU

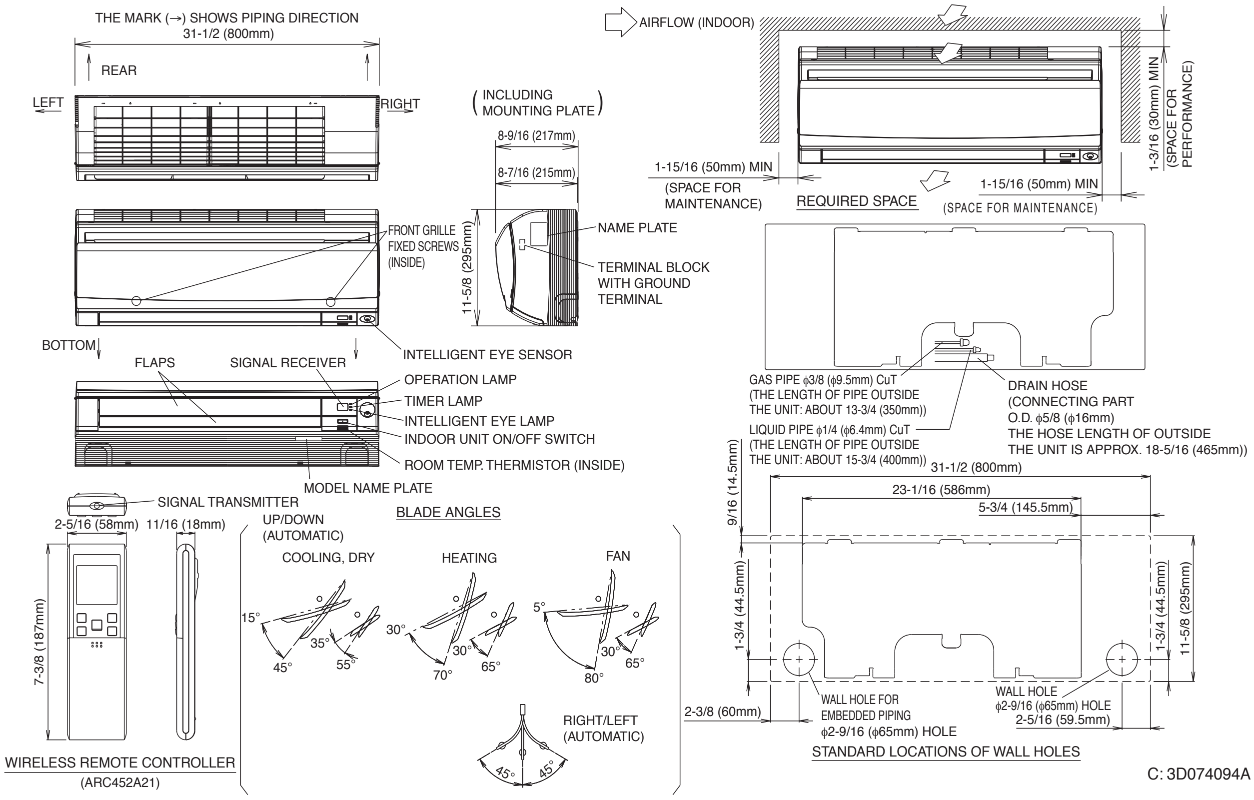


NOTE)
1. IN CASE OF BACK-SUCTION, MOUNT CHAMBER COVER TO BOTTOM SIDE OF THE UNIT. IN CASE OF BOTTOM-SUCTION, MOUNT CHAMBER COVER TO BACK SIDE OF THE UNIT.
2. LOCATION OF UNIT'S NAME PLATE: CONTROL BOX COVER
3. MOUNT THE AIR FILTER AT THE SUCTION SIDE. (SELECT ITS COLORIMETHOD (GRAVITY METHOD) 50% OR MORE.) IT CAN NOT BE EQUIPPED WITH AIR FILTER (ACCESSORY) WHEN CONNECTING DUCT TO SUCTION SIDE.

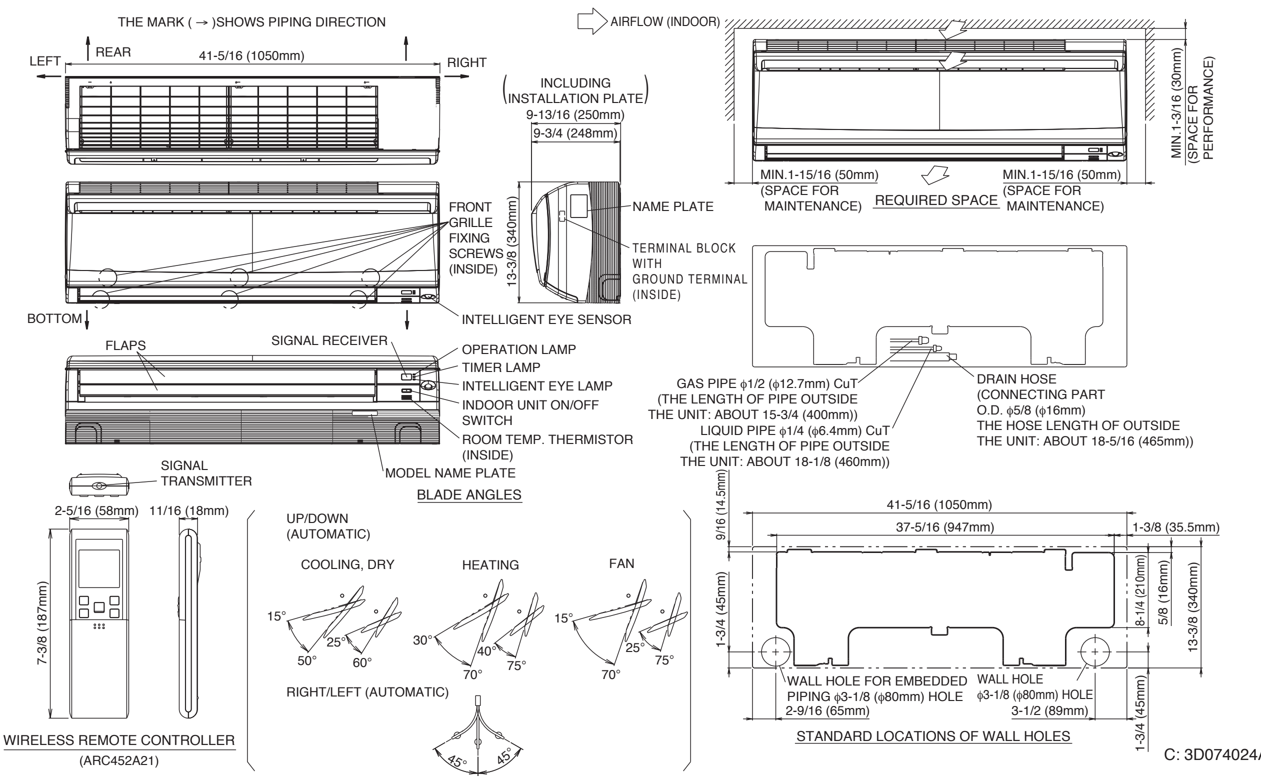
NUMBER	NAME	DESCRIPTION
10	PROTECTION NET	
9	AIR FILTER (STANDARD ACCESSORY)	
8	SUSPENSION BRACKET	
7	POWER SUPPLY CONNECTION	
6	INFRARED RECEIVER UNIT CONNECTION	
5	CONTROL BOX	
4	DRAIN HOSE (STANDARD ACCESSORY)	I.D. φ31/32 (OUTLET)
3	SOCKET FOR DRAIN	VP20 (O.D. φ1-1/32/I.D. φ25/32)
2	GAS PIPE CONNECTION	φ5/8 (FLARE CONNECTION)
1	LIQUID PIPE CONNECTION	φ1/4 (FLARE CONNECTION)

3D080591

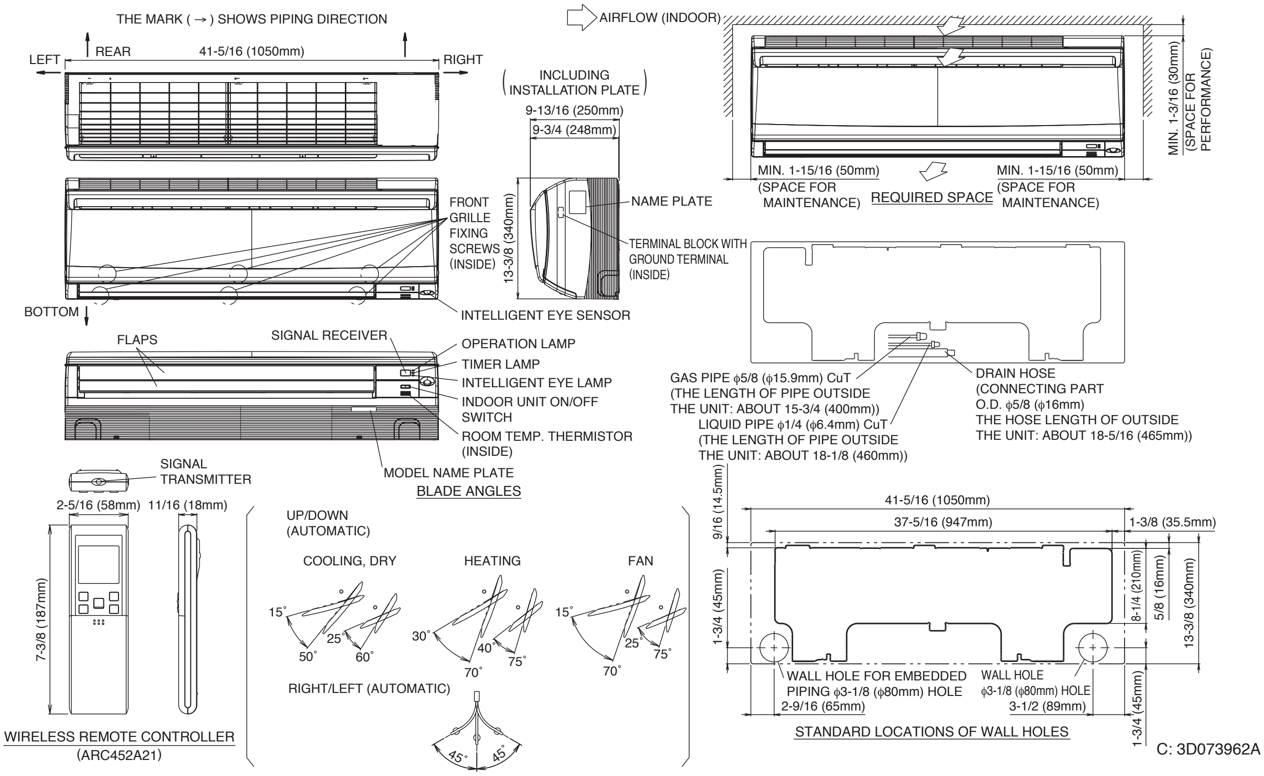
CTXS07LVJU, FTXS09/12LVJU



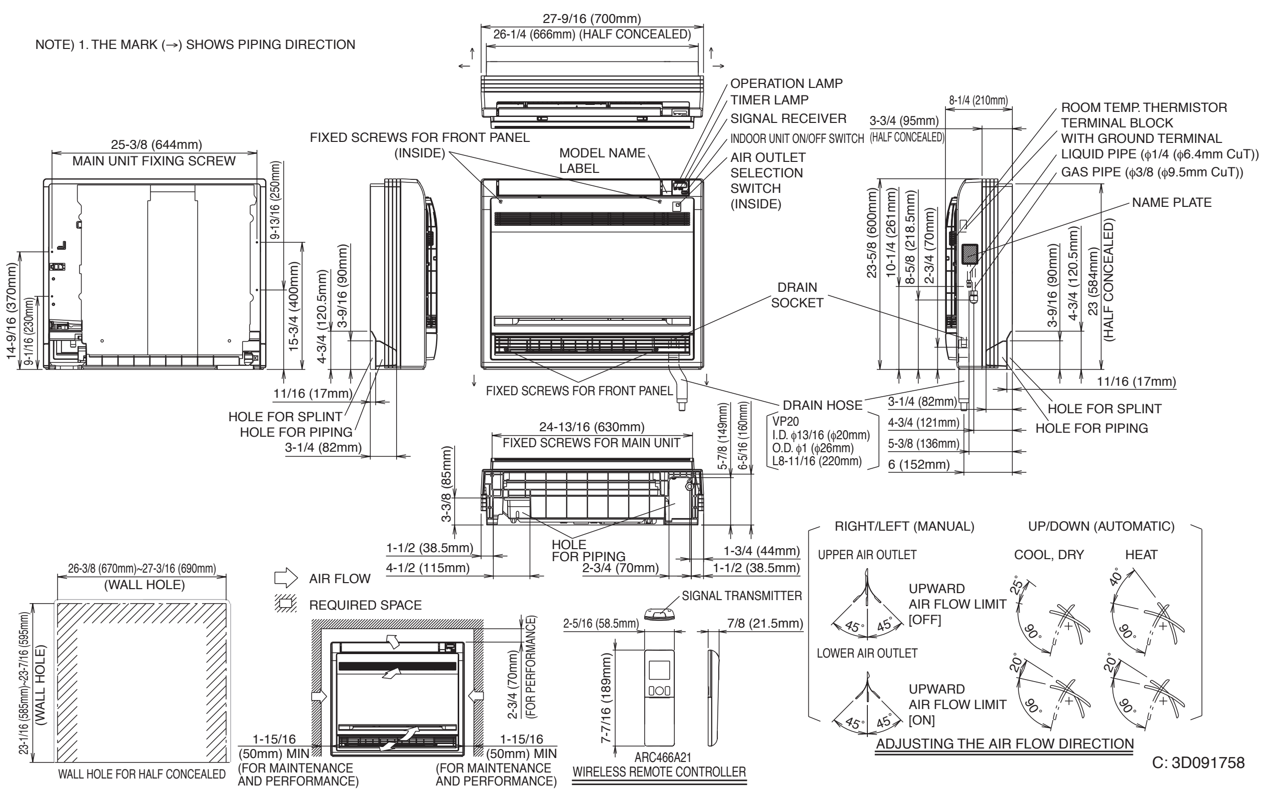
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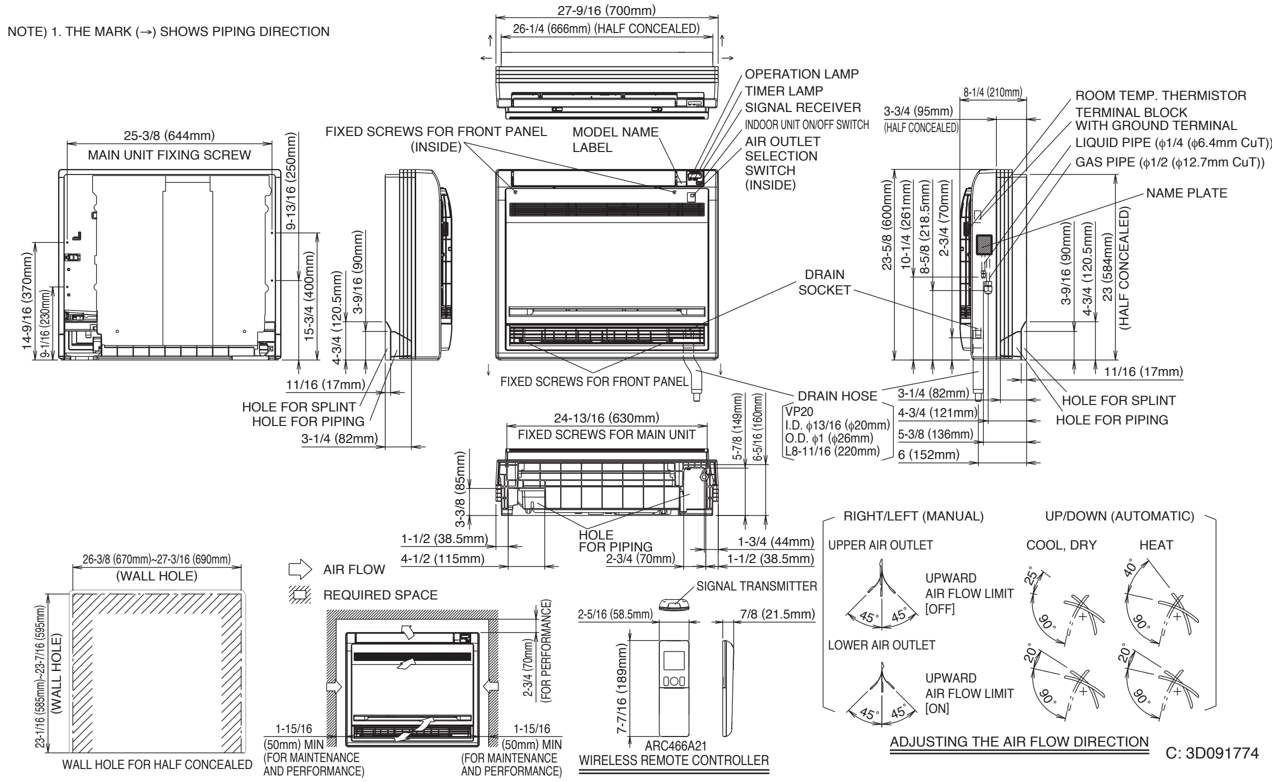
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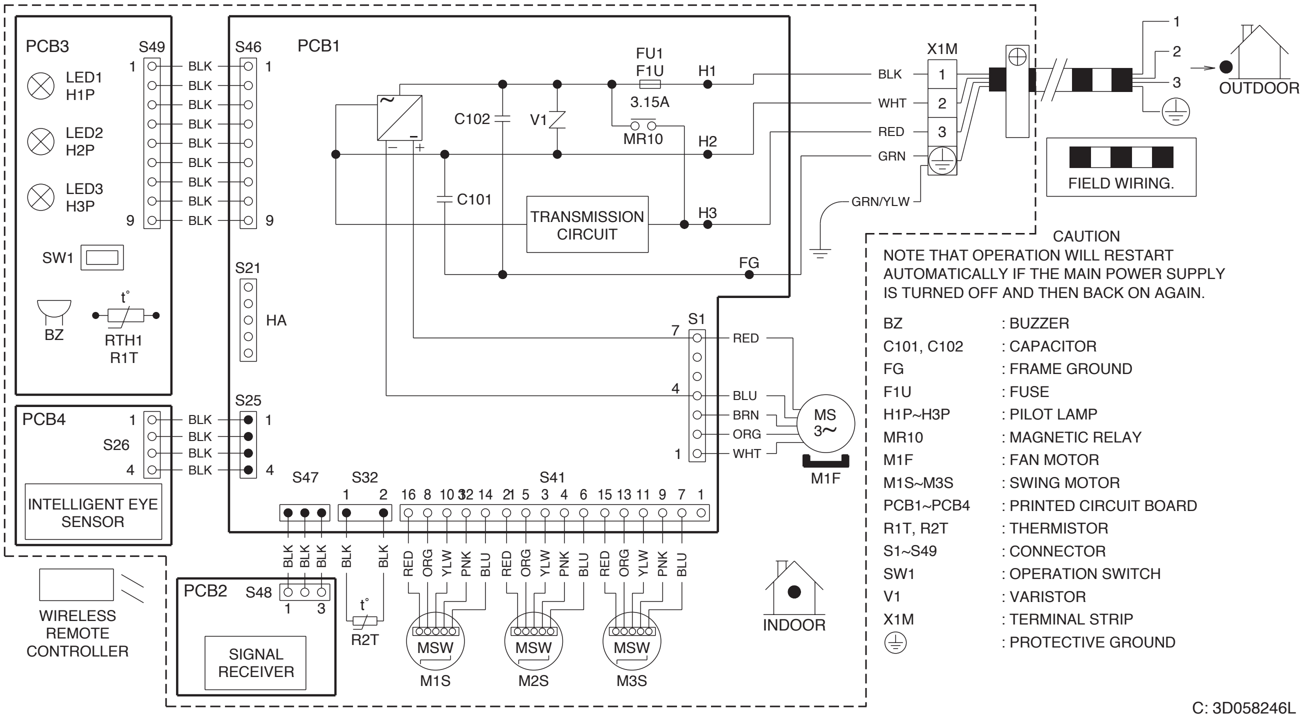
FVXS09/12NVJU



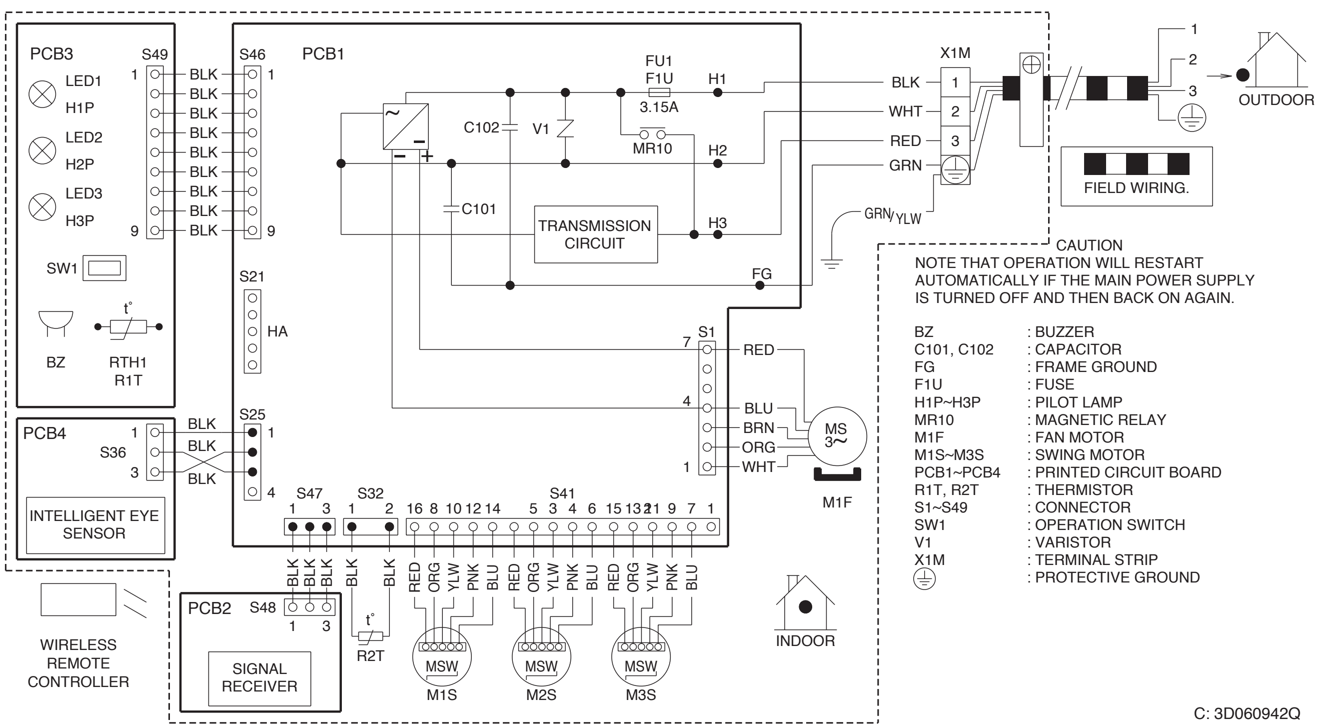
FVXS18NVJU


NOTE) 1. THE MARK (→) SHOWS PIPING DIRECTION
27-9/16 (700mm)
26-1/4 (666mm) (HALF CONCEALED)
OPERATION LAMP
TIMER LAMP
SIGNAL RECEIVER
INDOOR UNIT ON/OFF SWITCH
AIR OUTLET SELECTION SWITCH (INSIDE)
MODEL NAME LABEL
FIXED SCREWS FOR FRONT PANEL (INSIDE)
25-3/8 (644mm)
MAIN UNIT FIXING SCREW
9-13/16 (250mm)
15-3/4 (400mm)
14-9/16 (370mm)
9-1/16 (230mm)
3-9/16 (90mm)
4-3/4 (120.5mm)
11/16 (17mm)
HOLE FOR SPLINT
HOLE FOR PIPING
3-1/4 (82mm)
FIXED SCREWS FOR FRONT PANEL
DRAIN SOCKET
DRAIN HOSE
VP20
I.D. φ13/16 (φ20mm)
O.D. φ1 (φ26mm)
L8-11/16 (220mm)
24-13/16 (630mm)
FIXED SCREWS FOR MAIN UNIT
5-7/8 (149mm)
6-5/16 (160mm)
3-3/8 (85mm)
1-1/2 (38.5mm)
4-1/2 (115mm)
HOLE FOR PIPING
2-3/4 (70mm)
1-3/4 (44mm)
1-1/2 (38.5mm)
8-1/4 (210mm)
3-3/4 (95mm)
(HALF CONCEALED)
ROOM TEMP. THERMISTOR
TERMINAL BLOCK WITH GROUND TERMINAL
LIQUID PIPE (φ1/4 (φ6.4mm CuT))
GAS PIPE (φ1/2 (φ12.7mm CuT))
NAME PLATE
23-5/8 (600mm)
10-1/4 (261mm)
8-5/8 (218.5mm)
2-3/4 (70mm)
3-9/16 (90mm)
4-3/4 (120.5mm)
23 (584mm) (HALF CONCEALED)
11/16 (17mm)
3-1/4 (82mm)
4-3/4 (121mm)
5-3/8 (136mm)
6 (152mm)
HOLE FOR SPLINT
HOLE FOR PIPING
26-3/8 (670mm)~27-3/16 (690mm)
(WALL HOLE)
23-1/16 (585mm)~23-7/16 (595mm) (WALL HOLE)
WALL HOLE FOR HALF CONCEALED
AIR FLOW
REQUIRED SPACE
2-3/4 (70mm) (FOR PERFORMANCE)
1-15/16 (50mm) MIN (FOR MAINTENANCE AND PERFORMANCE)
1-15/16 (50mm) MIN (FOR MAINTENANCE AND PERFORMANCE)
SIGNAL TRANSMITTER
2-5/16 (58.5mm)
7/8 (21.5mm)
7-7/16 (189mm)
ARC466A21
WIRELESS REMOTE CONTROLLER
RIGHT/LEFT (MANUAL)
UP/DOWN (AUTOMATIC)
UPPER AIR OUTLET
COOL, DRY
HEAT
UPWARD AIR FLOW LIMIT [OFF]
LOWER AIR OUTLET
UPWARD AIR FLOW LIMIT [ON]
45°
25°
40°
20°
90°
ADJUSTING THE AIR FLOW DIRECTION
C: 3D091774

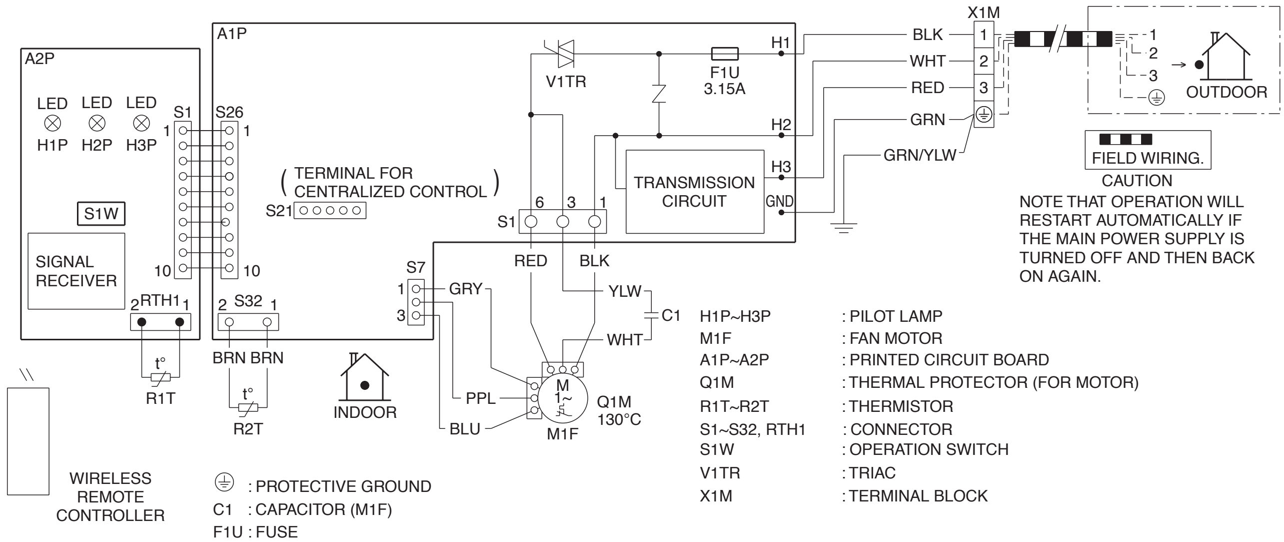
CTXS07LVJU, FTXS09/12LVJU



FTXS15/18/24LVJU

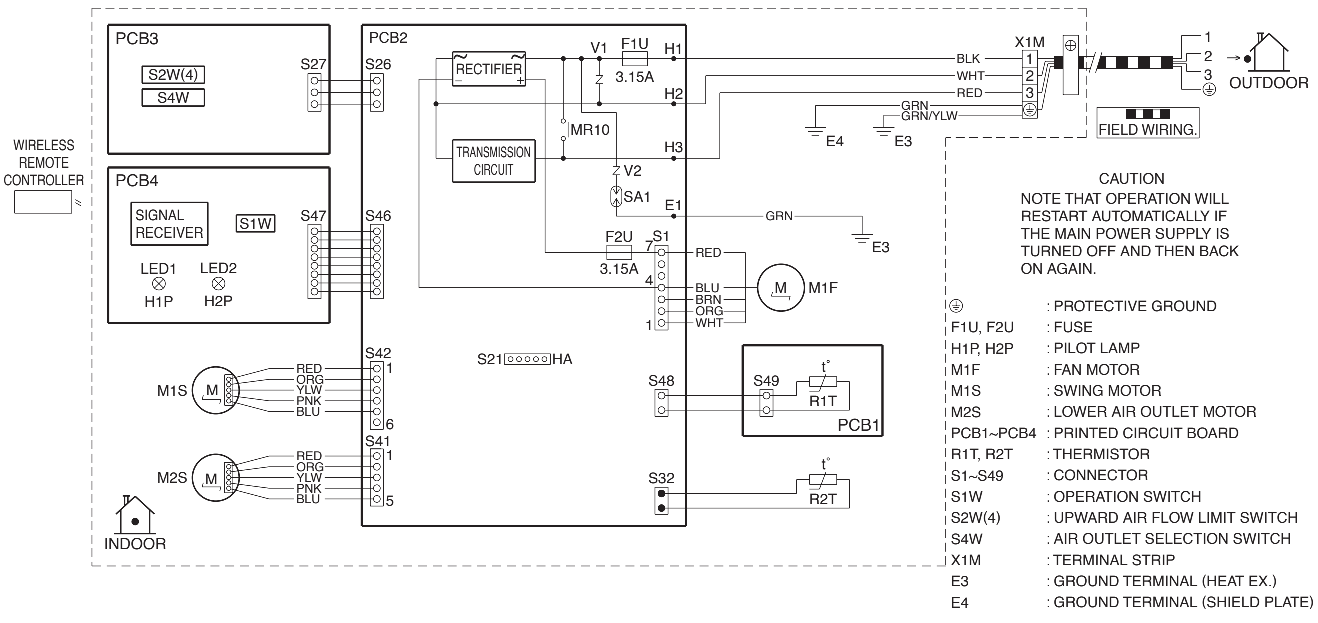


FDXS09/12LVJU, CDXS15/18/24LVJU



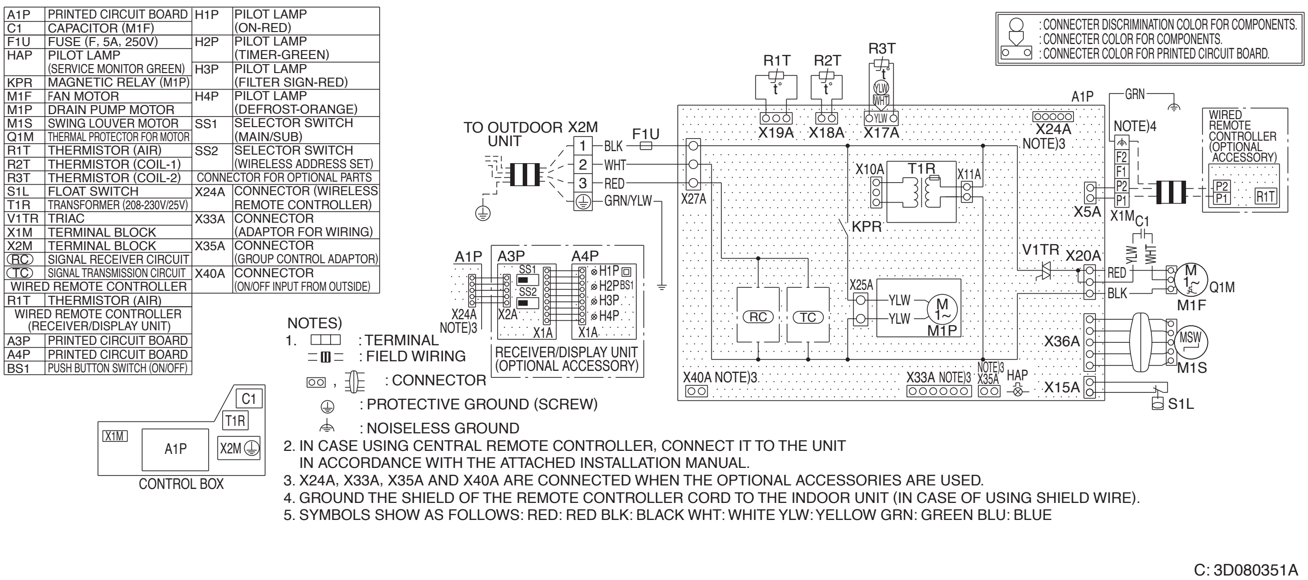
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FVXS09/12/18NVJU

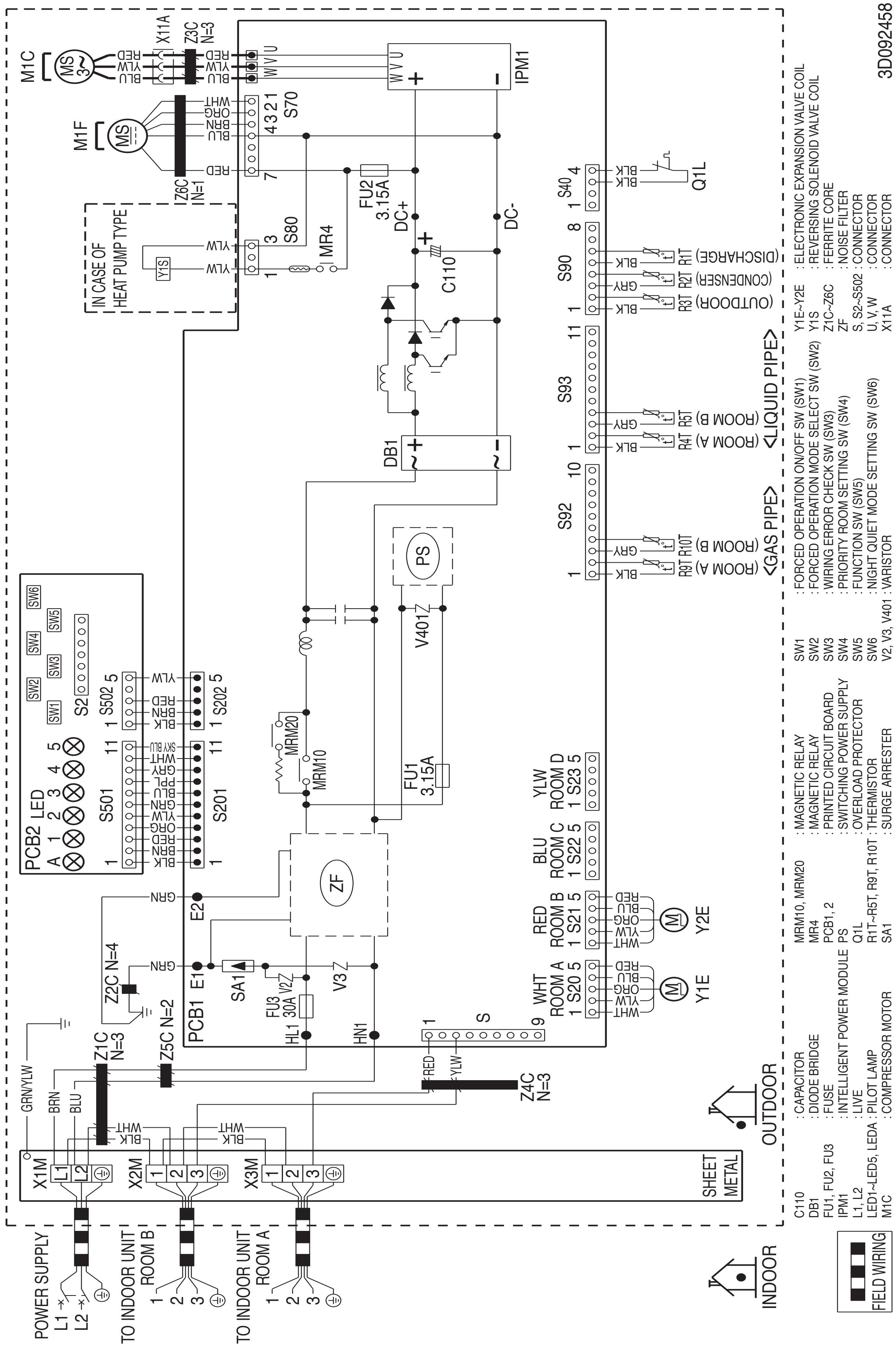


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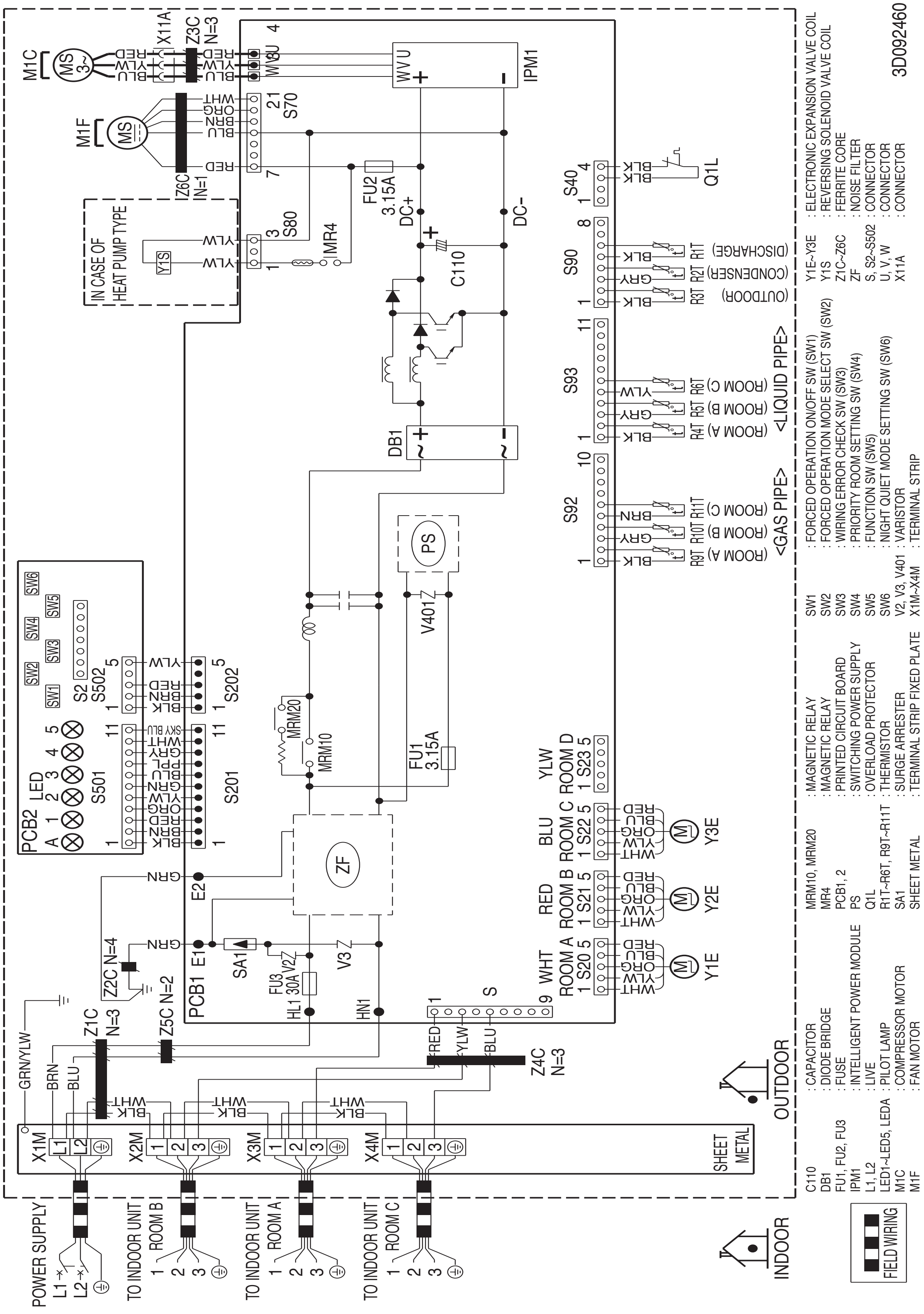
FFQ09/12/15/18LVJU



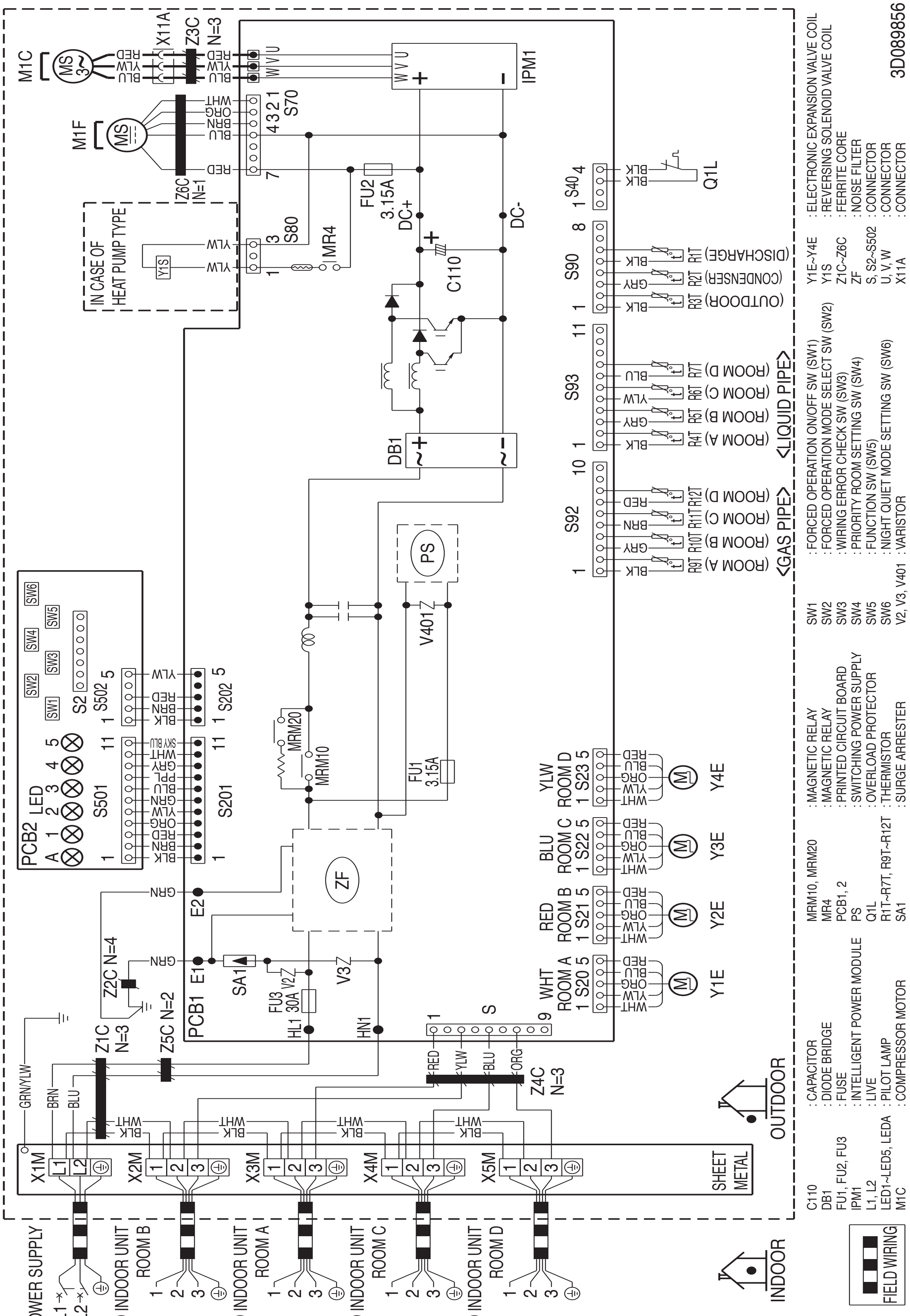
2MXS18NMVJU



3MXS24NMVJU



4MXS36NMVJU



ACCESSORIES

INDOOR UNIT	
BRC1E72	Wired Navigation Remote Controller (For FFQ Ceiling Cassette Only)
BRC944B2-A08	Wired Controller (For Wall Mount and Slim Duct Units Only) with a 26' cord
BYFQ60B3W1	Decoration Panel for FFQ Ceiling Cassette, ships separately at no charge
DACA-CP3-1	Condensate Pump with Integral Float Switch
DACA-TS1-1	Daikin ENVi Intelligent Thermostat Kit (For Wall Mount and Slim Duct Units Only)
BP UNIT	
KHRP26A22T	REFNET Joint
OUTDOOR UNIT	
DACA-WB-3	Powder Coated Wall Mounted Bracket